



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04J 3/06		A2	(11) International Publication Number: WO 99/53640
			(43) International Publication Date: 21 October 1999 (21.10.99)
(21) International Application Number: PCT/FI99/00247 (22) International Filing Date: 25 March 1999 (25.03.99) (30) Priority Data: 980704 27 March 1998 (27.03.98) FI (71) Applicant (for all designated States except US): NOKIA TELECOMMUNICATIONS OY [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (72) Inventors; and (75) Inventors/Applicants (for US only): RANTALAINEN, Timo, M. [FI/FI]; Meripuistotie 4 A 7, FIN-00200 Helsinki (FI). RUUTU, Ville [FI/FI]; Illansuu 2 D 4, FIN-02210 Espoo (FI). ALANEN, Marko [FI/FI]; Satamakatu 6 B 22, FIN-33200 Tampere (FI). GUNNARSON, Gudni [IS/FI]; Kalevanpuistotie 19 C 111, FIN-33500 Tampere (FI). HYVÄRINEN, Olli [FI/FI]; Vesakonkatu 33, FIN-33820 Tampere (FI). (74) Agent: PATENTTITOIMISTO TEKNOLOGIS KOLSTER OY; c/o Kolster OY AB, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	

Published

*In English translation (filed in Finnish).
Without international search report and to be republished
upon receipt of that report.*

(54) Title: METHOD OF TRANSMITTING SYNCHRONIZED CHANNEL IN RADIO TRANSMITTER

(57) Abstract

The invention relates to a method of transmitting a synchronized channel in a radio transmitter and to a radio transmitter. The method comprises transmitting (606) normal radio bursts on a normal channel asynchronously. In the invention, synchronized timing is obtained (702), synchronized radio bursts (SB) are formed (708), and a synchronized radio burst is transmitted (710) in the place of a normal radio burst (NB). The length of the synchronized radio burst (SB) is at most half of the length of the normal radio burst (NB). The transmission of the synchronized radio burst (SB) is in synchronization with the obtained synchronized timing.

